

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1279	451/456.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 14:45
S2	253	S1 and (valve switch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 14:55
S3	0	451/4344.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 14:45
S4	1032	451/344.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 14:45
S5	37	S1 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 14:48
S6	356	451/357.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 14:45
S7	650	451/353.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 14:45
S8	607	S1 and (suction vacuum (negative adj pressure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 15:40
S9	143	S1 and (valve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 11:24

S10	40	("2114966" "3673744" "3785092" "3793781" "3970110" "4071981" "4268233" "4414781" "4467565" "4531329" "4660329" "4671019" "4854085" "4879847" "5040340" "5105585" "5125190" "5228244" "5319888" "5411386" "5531639" "5536199" "5538040" "5595530" "5713785" "5791979" "D269845" "D314125" "D326398" "D332734" "D334126" "D347561" "D350266" "D350886").PN. OR ("6004197").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 15:16
S11	16	("2353759" "2372537" "3970110" "4275764" "4660329" "4671019").PN. OR ("5538040").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 15:20
S12	9	("1560658" "2219444" "5027470" "5774992" "5919085" "6293321" "6328643").PN. OR ("6447387").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 15:38
S13	2	S1 and pneumatic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 15:40
S14	81	S1 and pneumatic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 15:40
S15	79	S14 not S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 15:40
S16	677	137/270.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 18:46

S17	20	("1653956" "1777434" "2152868" "2297533" "2410912" "2769454" "3012251" "3886638" "4899397" "4997007" "5137048" "5190077" "5806552"),PN. OR ("5944358"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 18:31
S18	18	pneumatic and (valve with removable reversible detachable detachably detach\$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 18:36
S19	912	reversible near valve	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 18:36
S20	33	(reversible near valve) with (remove removable removably detach detachably detached removed)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 18:45
S21	3	chen-chun-tien.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 18:46
S22	1	hung-pet-chin.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 18:46
S23	1	liu-chin-feng.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 18:46
S24	45	137/333.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 18:49
S25	926	83/100.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 19:26
S26	177	S25 and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 18:50
S27	1	S25 and pneumatic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 18:50

S28	115	S25 and pneumatic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/23 18:50
S29	16	("3785092" "3824745" "3850254" "3932963" "4037982" "4124956" "4209069"),PN. OR ("4361957"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 18:57
S30	864	408/67.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 11:23
S31	558	409/137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 11:23
S34	337	30/133.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 11:23
S35	297	30/390.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 11:23
S36	278	30/391.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 11:23
S38	69	S31 and (valve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 11:43
S39	169	S30 and (suction vacuum (negative adj pressure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 12:18
S40	558	409/137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 12:18

S41	221	S40 and (suction vacuum (negative adj pressure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 12:36
S42	864	408/67 ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 12:18
S43	103	S42 and (valve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 12:35
S44	169	S42 and (suction vacuum (negative adj pressure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 12:30
S45	70	S43 not S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 12:30
S46	69	S40 and (valve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 12:35
S47	34	144/252.2 ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 13:06
S48	137	S41 not (S46 S43 S44)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 12:52
S49	337	30/133 ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 12:52
S50	297	30/390 ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 12:52

S51	278	30/391 ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 12:52
S52	871	S49 S50 S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 12:52
S53	273	S52 and ((valves valve) or (vacuum suction suction\$4 (negative adj perssure)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 12:54
S54	272	S53 not (S41 S46 S43 S44)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 12:58
S55	0	S54 and pneumatic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 12:58
S56	740	(optional or elective) near (vacuum suction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 13:07
S57	345	S56 and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 13:08
S58	57	S56 with valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 13:09
S59	97	S56 same valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 13:09
S60	616	144/252.1 ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 13:15

S61	599	S60 not S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 13:24
S62	1	10/695073	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 13:24